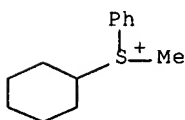


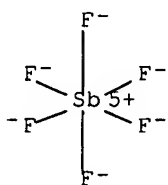
L33 ANSWER 30 OF 63 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1997:126817 HCAPLUS Full-text
 DOCUMENT NUMBER: 126:132180
 TITLE: Sulfonium compounds as polymerization initiators for curable compositions
 INVENTOR(S): ~~Takahashi~~, Eiji
 PATENT ASSIGNEE(S): Nippon Soda Co, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08325225	A	19961210	JP 1995-152187	19950526 <--
JP 3741387	B2	20060201		

PRIORITY APPLN. INFO.: JP 1995-152187 19950526 <--
 OTHER SOURCE(S): MARPAT 126:132180
 ED Entered STN: 24 Feb 1997
 AB Curable compns., useful as coatings, adhesives, photoresists, etc., contain sulfonium salts $R_1nC_6H_5-nS+R_2R_3X^-$ (I; R_1 = alkyl, OH, C1-18 alkoxy, C1-18 alkylcarbonyl, aromatic carbonyl, SPh, halo; R_2 = C1-8 alkyl; R_3 = alicyclyl; X^- = non-nucleophilic anion; n = 0-3) as initiators, cationically polymerizable compds., and optional sensitizers. Thus, Ph 2-hydroxycyclohexyl sulfide was methylated by Me_2SO_4 at 50° for 10 h and treated with $KSbF_6$ to give 70% I (R_2 = 2-hydroxycyclohexyl, R_3 = Me, X^- = SbF_6^- , n = 0), 1.0 part of which was dissolved in propylene carbonate with 0.5 parts 4-MeOC₆H₄OH (sensitizer) and added to ERL 4221 (epoxy compound) to show good UV or thermal curing and storage stability.
 IT 186419-09-0P 186419-12-5P 186419-14-7P
 186419-17-0P 186419-19-2P
 RL: CAT (Catalyst use); IMF (Industrial manufacture); PREP (Preparation); USES (Uses)
 (sulfonium compds. as polymerization initiators for curable compns.)
 RN 186419-09-0 HCAPLUS
 CN Sulfonium, cyclohexylmethylphenyl-, (OC-6-11)-hexafluoroantimonate(1-)
 (9CI) (CA INDEX NAME)
 CM 1
 CRN 186419-08-9
 CMF C13 H19 S



CM 2
 CRN 17111-95-4
 CMF F6 Sb
 CCI CCS

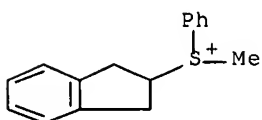


RN 186419-12-5 HCAPLUS
 CN Sulfonium, (2,3-dihydro-1H-inden-2-yl)methylphenyl-, (OC-6-11)-
 hexafluoroantimonate(1-) (9CI) (CA INDEX NAME)

CM 1

CRN 186419-11-4

CMF C16 H17 S

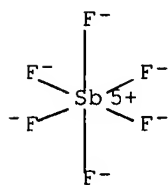


CM 2

CRN 17111-95-4

CMF F6 Sb

CCI CCS

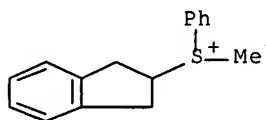


RN 186419-14-7 HCAPLUS
 CN Sulfonium, (2,3-dihydro-1H-inden-2-yl)methylphenyl-, hexafluorophosphate(1-)
) (9CI) (CA INDEX NAME)

CM 1

CRN 186419-11-4

CMF C16 H17 S

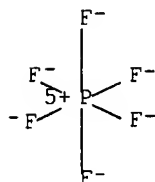


CM 2

CRN 16919-18-9

CMF F6 P

CCI CCS



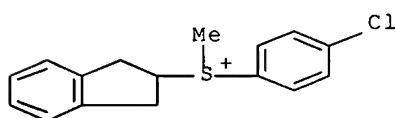
RN 186419-17-0 HCAPLUS

CN Sulfonium, (4-chlorophenyl) (2,3-dihydro-1H-inden-2-yl)methyl-,
(OC-6-11)-hexafluoroantimonate(1-) (9CI) (CA INDEX NAME)

CM 1

CRN 186419-16-9

CMF C16 H16 Cl S

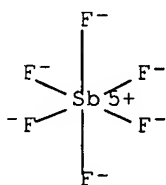


CM 2

CRN 17111-95-4

CMF F6 Sb

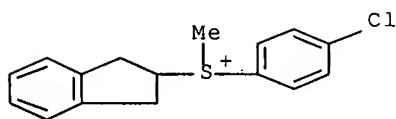
CCI CCS



RN 186419-19-2 HCAPLUS
 CN Sulfonium, (4-chlorophenyl) (2,3-dihydro-1H-inden-2-yl)methyl-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

CM 1

CRN 186419-16-9
 CMF C16 H16 Cl S



CM 2

CRN 16919-18-9
 CMF F6 P
 CCI CCS

